

FIG. 1

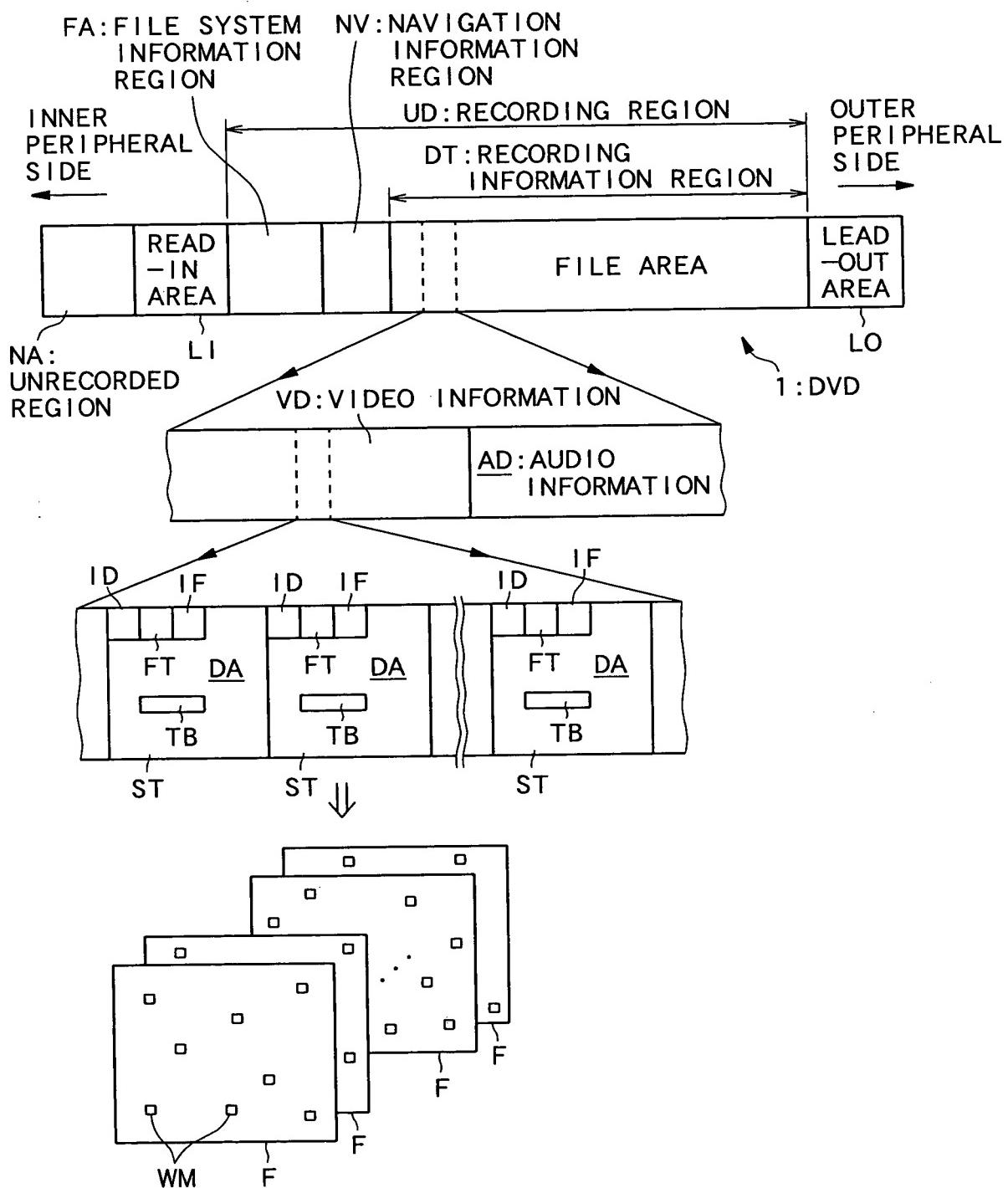


FIG. 2A

NUMBER	CONTENTS	BYTES
1	<u>HD</u> :HEADER INFORMATION	1
2	<u>CCI1</u> :FIRST COPY CONTROL INFORMATION	1
3	<u>CCI2</u> :SECOND COPY CONTROL INFORMATION	1
4	<u>PA</u> :REPRODUCIBLE REGION INFORMATION	1
5	<u>R</u> :AUXILIARY INFORMATION	1
6	<u>R</u> :AUXILIARY INFORMATION	1
7	<u>R</u> :AUXILIARY INFORMATION	16
8	<u>R</u> :AUXILIARY INFORMATION	16
9	<u>R</u> :AUXILIARY INFORMATION	1
10	<u>ECC</u> :ERROR CORRECTION INFORMATION	17

TB1

FIG. 2B

NUMBER	CONTENTS	BYTES
1	<u>HD</u> :HEADER INFORMATION	1
2	<u>RP</u> :POST-RECORDING REPRODUCIBLE REGION INFORMATION	1
3	<u>RR</u> :POST-RECORDING RECORDABLE REGION INFORMATION	1
4	<u>RT</u> :POST-RECORDING TIME-SHIFTING REGION INFORMATION	1
5	<u>R</u> :AUXILIARY INFORMATION	35
6	<u>ECC</u> :ERROR CORRECTION INFORMATION	17

TB2

FIG. 3A

BIT NUMBER	CONTENTS
1	<u>ACCI1</u> :FIRST REGION COPY CONTROL INFORMATION
2	<u>ACCI2</u> :SECOND REGION COPY CONTROL INFORMATION
3	<u>ACCI3</u> :THIRD REGION COPY CONTROL INFORMATION
4	<u>ACCI4</u> :FOURTH REGION COPY CONTROL INFORMATION
5	<u>ACCI5</u> :FIFTH REGION COPY CONTROL INFORMATION
6	<u>ACCI6</u> :SIXTH REGION COPY CONTROL INFORMATION
7	<u>ACCI7</u> :SEVENTH REGION COPY CONTROL INFORMATION
8	<u>ACCI8</u> :EIGHTH REGION COPY CONTROL INFORMATION

CC11

BIT NUMBER	CONTENTS
1	<u>ACCI5</u> :FIFTH REGION COPY CONTROL INFORMATION
2	<u>ACCI6</u> :SIXTH REGION COPY CONTROL INFORMATION
3	<u>ACCI7</u> :SEVENTH REGION COPY CONTROL INFORMATION
4	<u>ACCI8</u> :EIGHTH REGION COPY CONTROL INFORMATION

CC12

FIG. 3B

BIT NUMBER	CONTENTS
1	<u>PA1</u> :FIRST REGION REPRODUCIBLE REGION INFORMATION
2	<u>PA2</u> :SECOND REGION REPRODUCIBLE REGION INFORMATION
3	<u>PA3</u> :THIRD REGION REPRODUCIBLE REGION INFORMATION
4	<u>PA4</u> :FOURTH REGION REPRODUCIBLE REGION INFORMATION
5	<u>PA5</u> :FIFTH REGION REPRODUCIBLE REGION INFORMATION
6	<u>PA6</u> :SIXTH REGION REPRODUCIBLE REGION INFORMATION
7	<u>PA7</u> :SEVENTH REGION REPRODUCIBLE REGION INFORMATION
8	<u>PA8</u> :EIGHTH REGION REPRODUCIBLE REGION INFORMATION

PA

FIG. 4A

BIT NUMBER	CONTENTS
1	RP1 : FIRST REGION POST-RECORDING REPRODUCIBLE REGION INFORMATION
2	RP2 : SECOND REGION POST-RECORDING REPRODUCIBLE REGION INFORMATION
3	RP3 : THIRD REGION POST-RECORDING REPRODUCIBLE REGION INFORMATION
4	RP4 : FOURTH REGION POST-RECORDING REPRODUCIBLE REGION INFORMATION
5	RP5 : FIFTH REGION POST-RECORDING REPRODUCIBLE REGION INFORMATION
6	RP6 : SIXTH REGION POST-RECORDING REPRODUCIBLE REGION INFORMATION
7	RP7 : SEVENTH REGION POST-RECORDING REPRODUCIBLE REGION INFORMATION
8	RP8 : EIGHTH REGION POST-RECORDING REPRODUCIBLE REGION INFORMATION

RP

FIG. 4B

BIT NUMBER	CONTENTS
1	RR1 : FIRST REGION POST-RECORDING RECORDABLE REGION INFORMATION
2	RR2 : SECOND REGION POST-RECORDING RECORDABLE REGION INFORMATION
3	RR3 : THIRD REGION POST-RECORDING RECORDABLE REGION INFORMATION
4	RR4 : FOURTH REGION POST-RECORDING RECORDABLE REGION INFORMATION
5	RR5 : FIFTH REGION POST-RECORDING RECORDABLE REGION INFORMATION
6	RR6 : SIXTH REGION POST-RECORDING RECORDABLE REGION INFORMATION
7	RR7 : SEVENTH REGION POST-RECORDING RECORDABLE REGION INFORMATION
8	RR8 : EIGHTH REGION POST-RECORDING RECORDABLE REGION INFORMATION

RR

FIG. 4C

BIT NUMBER	CONTENTS
1	RT1 : FIRST REGION POST-RECORDING TIME-SHIFTING REGION INFORMATION
2	RT2 : SECOND REGION POST-RECORDING TIME-SHIFTING REGION INFORMATION
3	RT3 : THIRD REGION POST-RECORDING TIME-SHIFTING REGION INFORMATION
4	RT4 : FOURTH REGION POST-RECORDING TIME-SHIFTING REGION INFORMATION
5	RT5 : FIFTH REGION POST-RECORDING TIME-SHIFTING REGION INFORMATION
6	RT6 : SIXTH REGION POST-RECORDING TIME-SHIFTING REGION INFORMATION
7	RT7 : SEVENTH REGION POST-RECORDING TIME-SHIFTING REGION INFORMATION
8	RT8 : EIGHTH REGION POST-RECORDING TIME-SHIFTING REGION INFORMATION

RT

FIG. 5

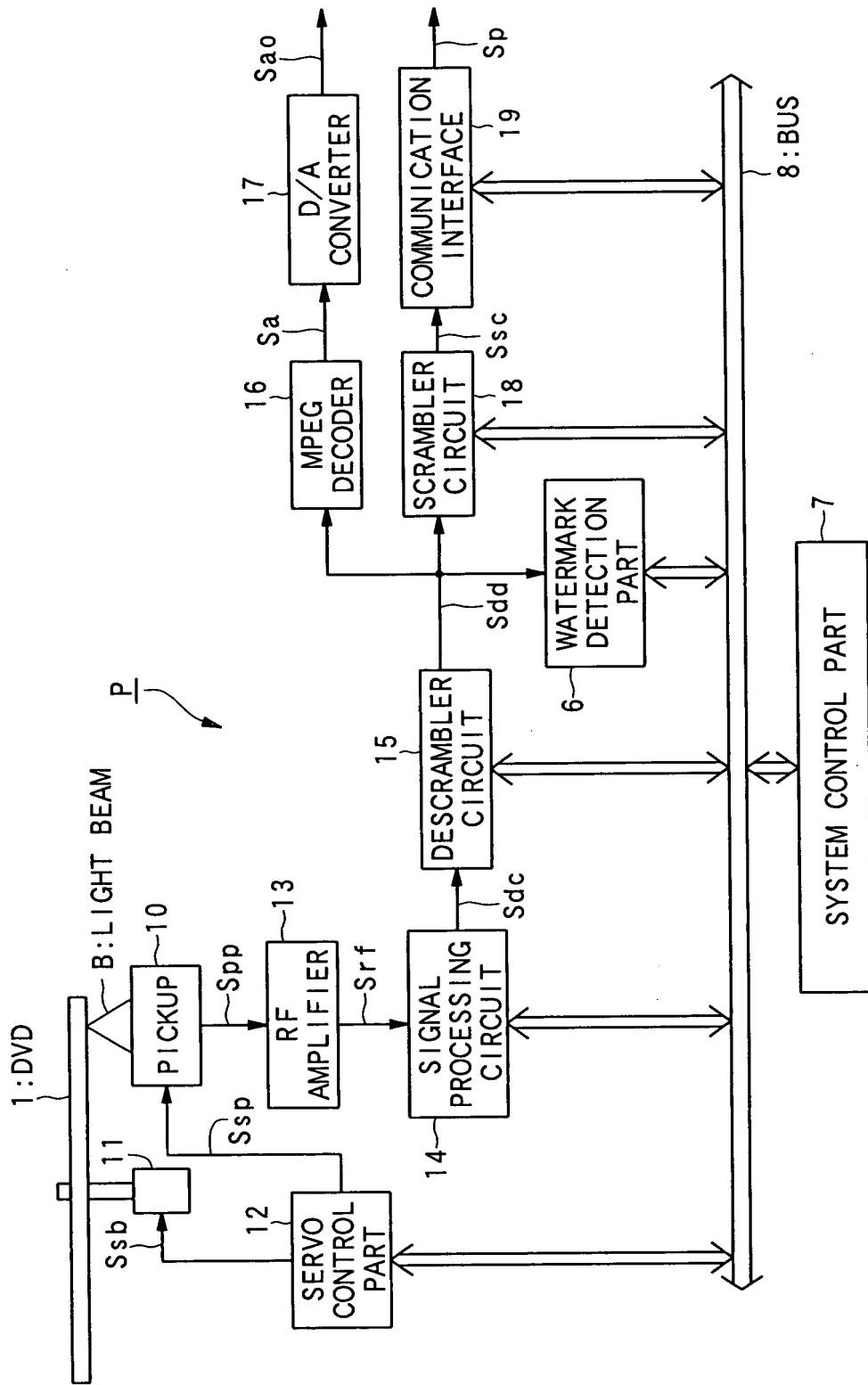


FIG. 6

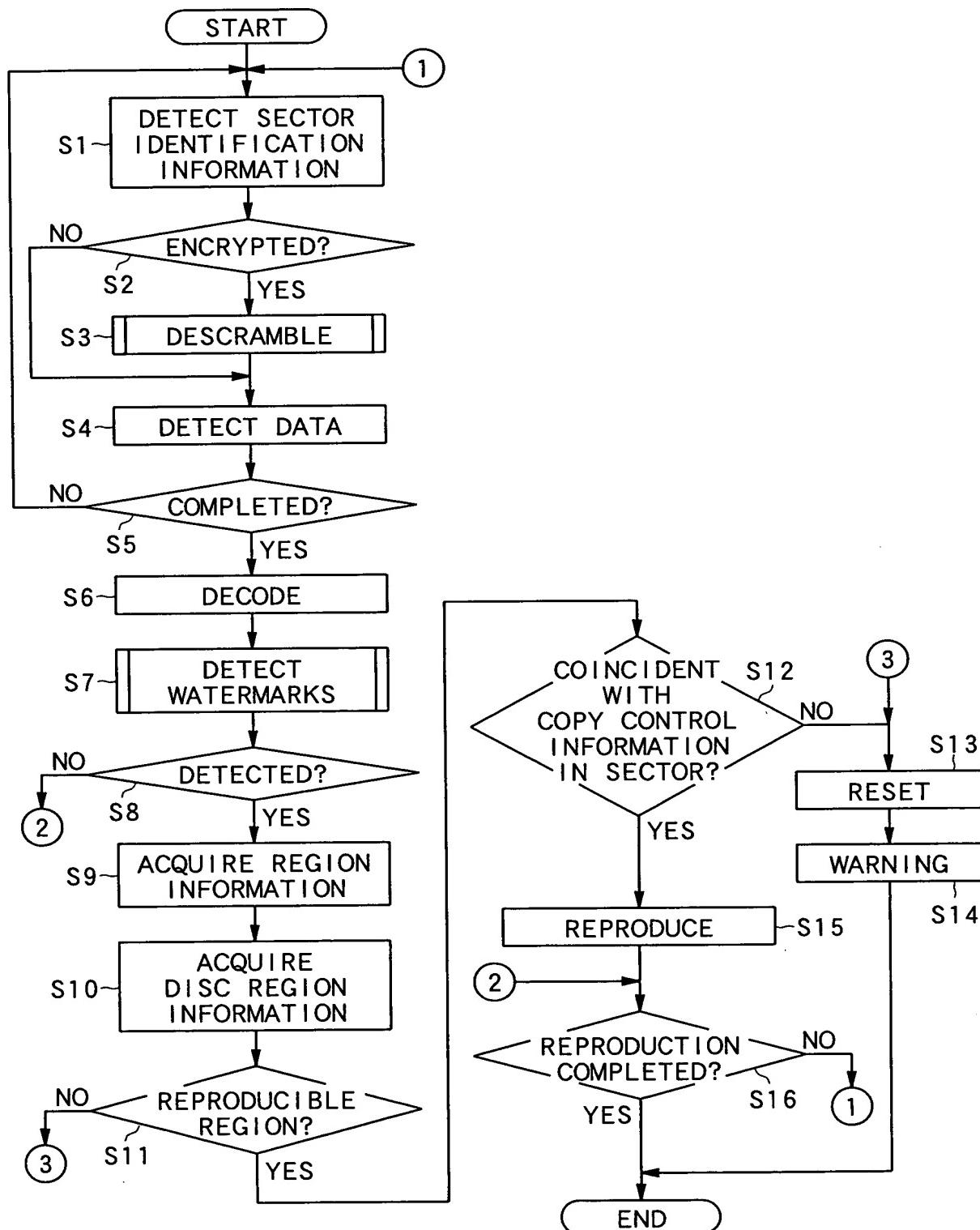


FIG. 7

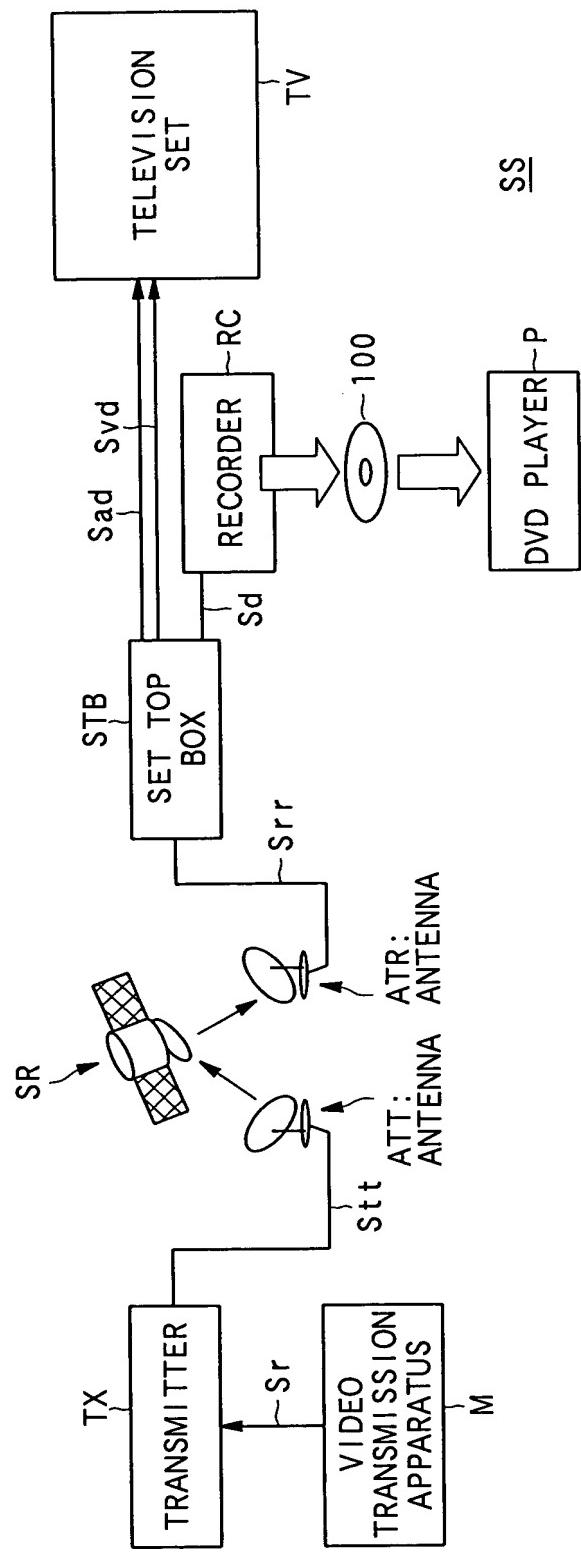


FIG. 8

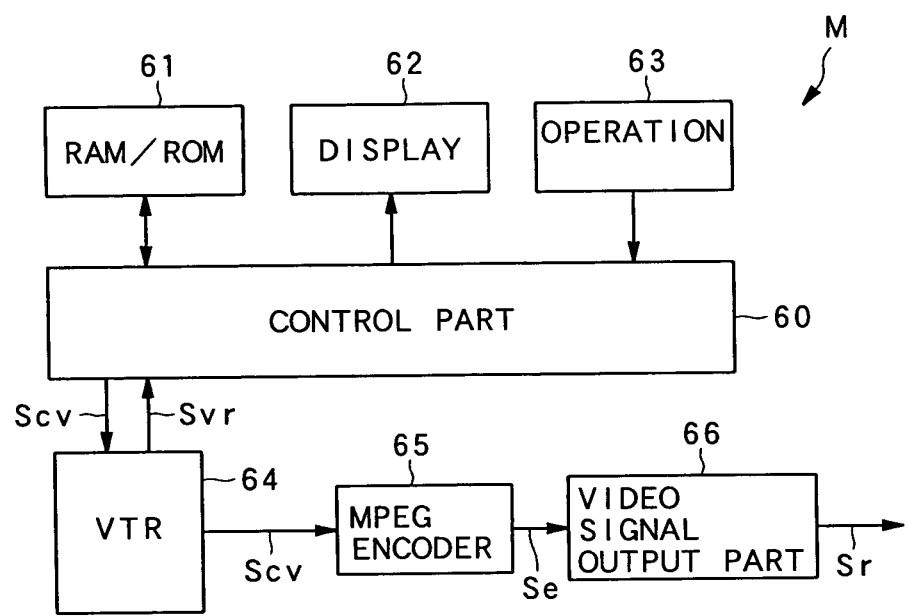


FIG. 9

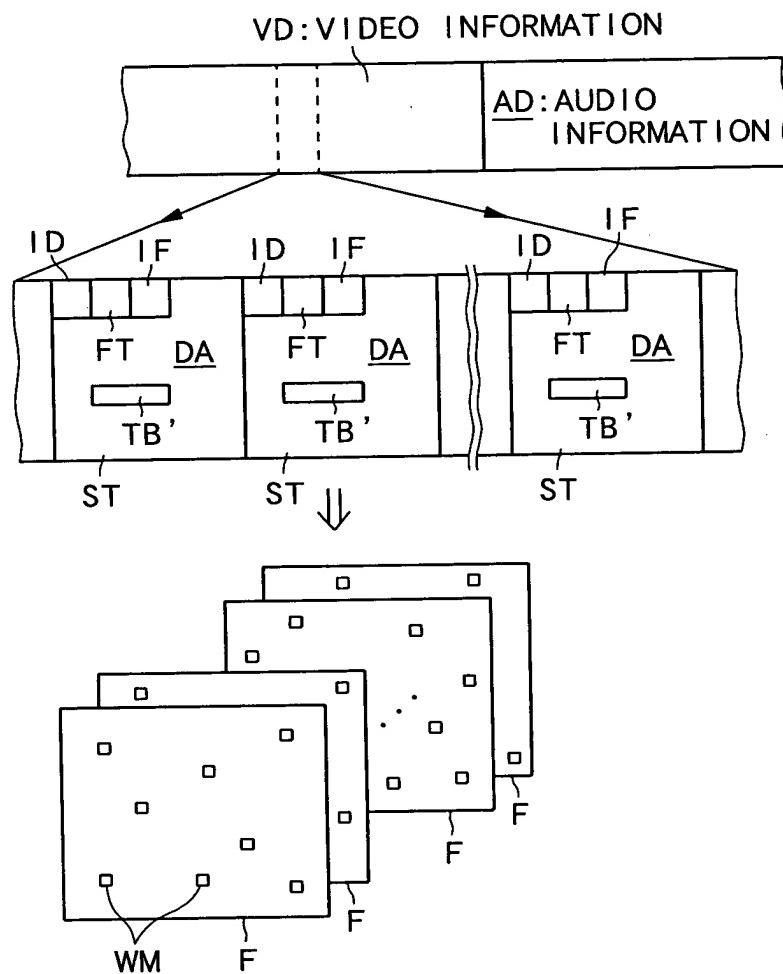


FIG.10A

NUMBER	CONTENTS	BYTES
1	<u>HD</u> :HEADER INFORMATION	1
2	<u>CCI1</u> :FIRST COPY CONTROL INFORMATION	1
3	<u>CCI2</u> :SECOND COPY CONTROL INFORMATION	1
4	<u>PA</u> :REPRODUCIBLE REGION INFORMATION	1
5	<u>RAA</u> :RECORDABLE REGION INFORMATION	1
6	<u>TA</u> :TIME-SHIFTING REGION INFORMATION	1
7	<u>PT</u> :VIEWABLE PERIOD INFORMATION	16
8	<u>RT</u> :RECORDABLE PERIOD INFORMATION	16
9	<u>TT</u> :TIME-SHIFTING PERIOD INFORMATION	1
10	<u>ECC</u> :ERROR CORRECTION INFORMATION	17

TB1'

FIG.10 B

NUMBER	CONTENTS	BYTES
1	<u>HD</u> :HEADER INFORMATION	1
2	<u>CCI1</u> :FIRST COPY CONTROL INFORMATION	1
3	<u>CCI2</u> :SECOND COPY CONTROL INFORMATION	1
4	<u>PA</u> :REPRODUCIBLE REGION INFORMATION	1
5	<u>RAA</u> :RECORDABLE REGION INFORMATION	1
6	<u>RA</u> :RECORDING REGION INFORMATION	1
7	<u>PT</u> :VIEWABLE PERIOD INFORMATION	16
8	<u>RT</u> :RECORDABLE PERIOD INFORMATION	16
9	<u>TT</u> :TIME-SHIFTING PERIOD INFORMATION	1
10	<u>ECC</u> :ERROR CORRECTION INFORMATION	17

TB1"

FIG.11A

BIT NUMBER	CONTENTS
1	<u>RAA1</u> : FIRST REGION RECORDABLE REGION INFORMATION
2	<u>RAA2</u> : SECOND REGION RECORDABLE REGION INFORMATION
3	<u>RAA3</u> : THIRD REGION RECORDABLE REGION INFORMATION
4	<u>RAA4</u> : FOURTH REGION RECORDABLE REGION INFORMATION
5	<u>RAA5</u> : FIFTH REGION RECORDABLE REGION INFORMATION
6	<u>RAA6</u> : SIXTH REGION RECORDABLE REGION INFORMATION
7	<u>RAA7</u> : SEVENTH REGION RECORDABLE REGION INFORMATION
8	<u>RAA8</u> : EIGHTH REGION RECORDABLE REGION INFORMATION

RAA

FIG.11B

BIT NUMBER	CONTENTS
1	<u>TA1</u> : FIRST REGION TIME-SHIFTING REGION INFORMATION
2	<u>TA2</u> : SECOND REGION TIME-SHIFTING REGION INFORMATION
3	<u>TA3</u> : THIRD REGION TIME-SHIFTING REGION INFORMATION
4	<u>TA4</u> : FOURTH REGION TIME-SHIFTING REGION INFORMATION
5	<u>TA5</u> : FIFTH REGION TIME-SHIFTING REGION INFORMATION
6	<u>TA6</u> : SIXTH REGION TIME-SHIFTING REGION INFORMATION
7	<u>TA7</u> : SEVENTH REGION TIME-SHIFTING REGION INFORMATION
8	<u>TA8</u> : EIGHTH REGION TIME-SHIFTING REGION INFORMATION

TA

FIG.12A

NUMBER	CONTENTS	BYTES
1	PT1 : FIRST REGION VIEWABLE PERIOD INFORMATION	2
2	PT2 : SECOND REGION VIEWABLE PERIOD INFORMATION	2
3	PT3 : THIRD REGION VIEWABLE PERIOD INFORMATION	2
4	PT4 : FOURTH REGION VIEWABLE PERIOD INFORMATION	2
5	PT5 : FIFTH REGION VIEWABLE PERIOD INFORMATION	2
6	PT6 : SIXTH REGION VIEWABLE PERIOD INFORMATION	2
7	PT7 : SEVENTH REGION VIEWABLE PERIOD INFORMATION	2
8	PT8 : EIGHTH REGION VIEWABLE PERIOD INFORMATION	2

PT

FIG.12 B

NUMBER	CONTENTS	BYTES
1	RT1 : FIRST REGION RECORDABLE PERIOD INFORMATION	2
2	RT2 : SECOND REGION RECORDABLE PERIOD INFORMATION	2
3	RT3 : THIRD REGION RECORDABLE PERIOD INFORMATION	2
4	RT4 : FOURTH REGION RECORDABLE PERIOD INFORMATION	2
5	RT5 : FIFTH REGION RECORDABLE PERIOD INFORMATION	2
6	RT6 : SIXTH REGION RECORDABLE PERIOD INFORMATION	2
7	RT7 : SEVENTH REGION RECORDABLE PERIOD INFORMATION	2
8	RT8 : EIGHTH REGION RECORDABLE PERIOD INFORMATION	2

RT

FIG.12 C

BIT NUMBER	CONTENTS
1	RA1: FIRST REGION RECORDING REGION INFORMATION
2	RA2: SECOND REGION RECORDING REGION INFORMATION
3	RA3: THIRD REGION RECORDING REGION INFORMATION
4	RA4: FOURTH REGION RECORDING REGION INFORMATION
5	RA5: FIFTH REGION RECORDING REGION INFORMATION
6	RA6: SIXTH REGION RECORDING REGION INFORMATION
7	RA7: SEVENTH REGION RECORDING REGION INFORMATION
8	RA8: EIGHTH REGION RECORDING REGION INFORMATION

RA

FIG.13

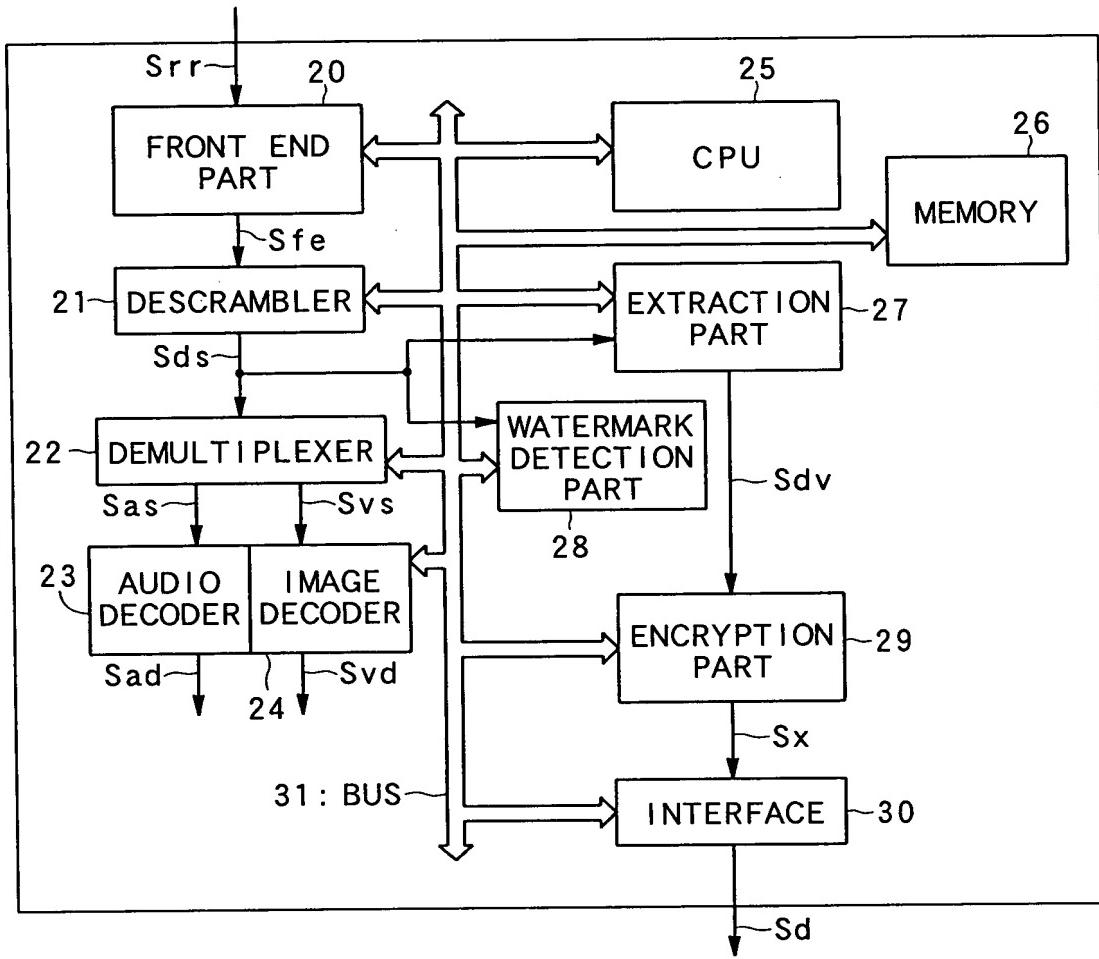


FIG.14

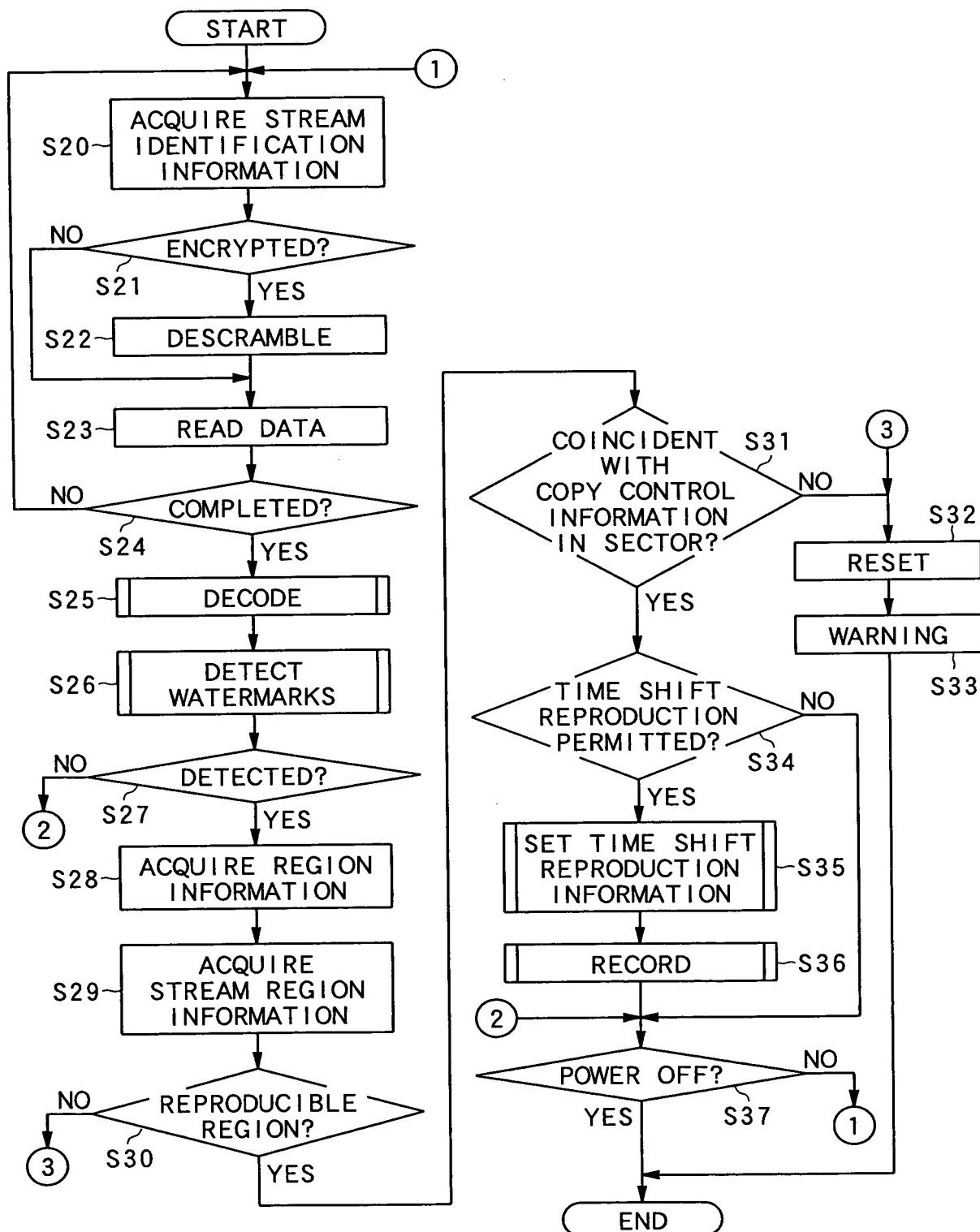


FIG. 15

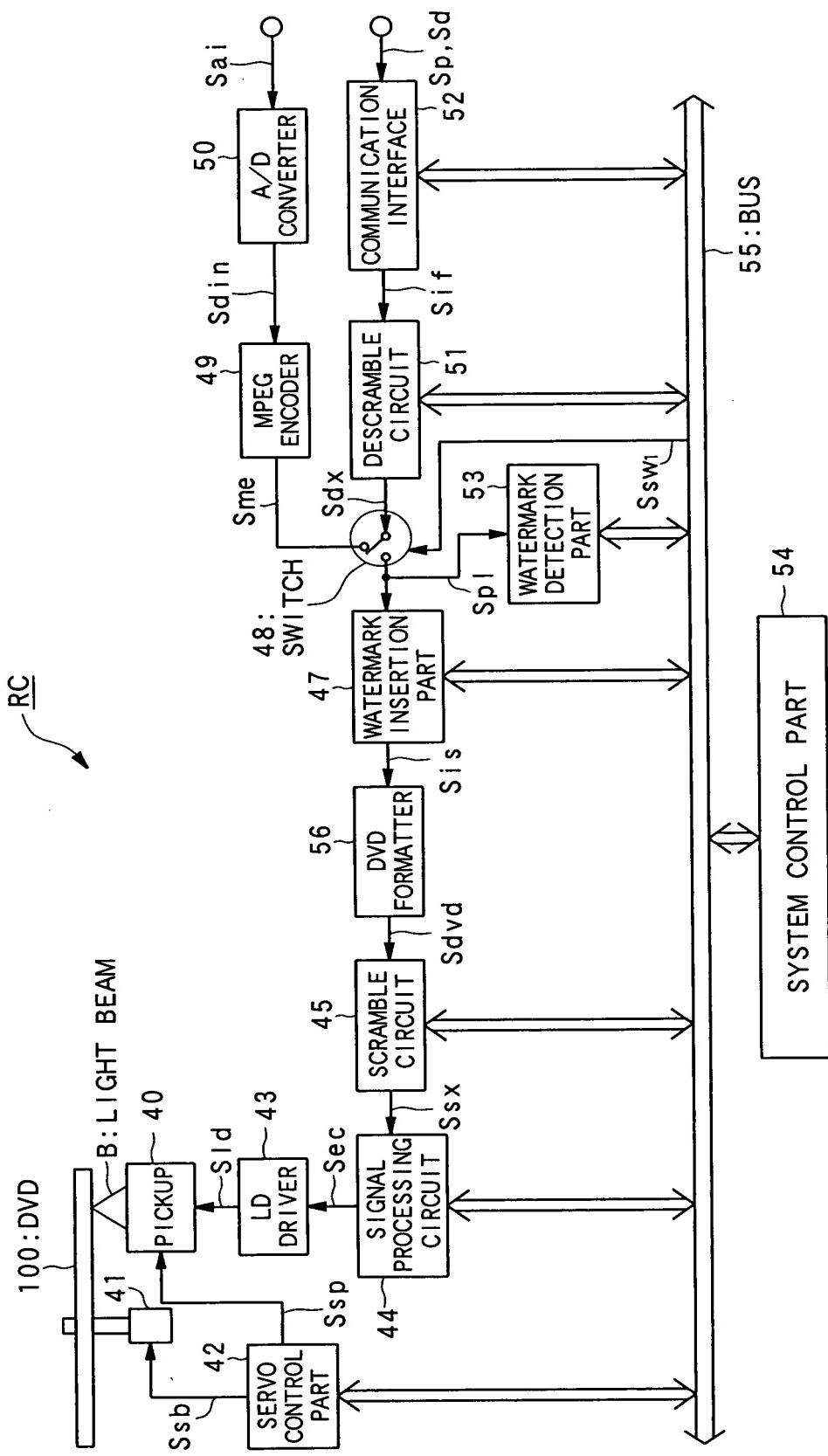


FIG.16

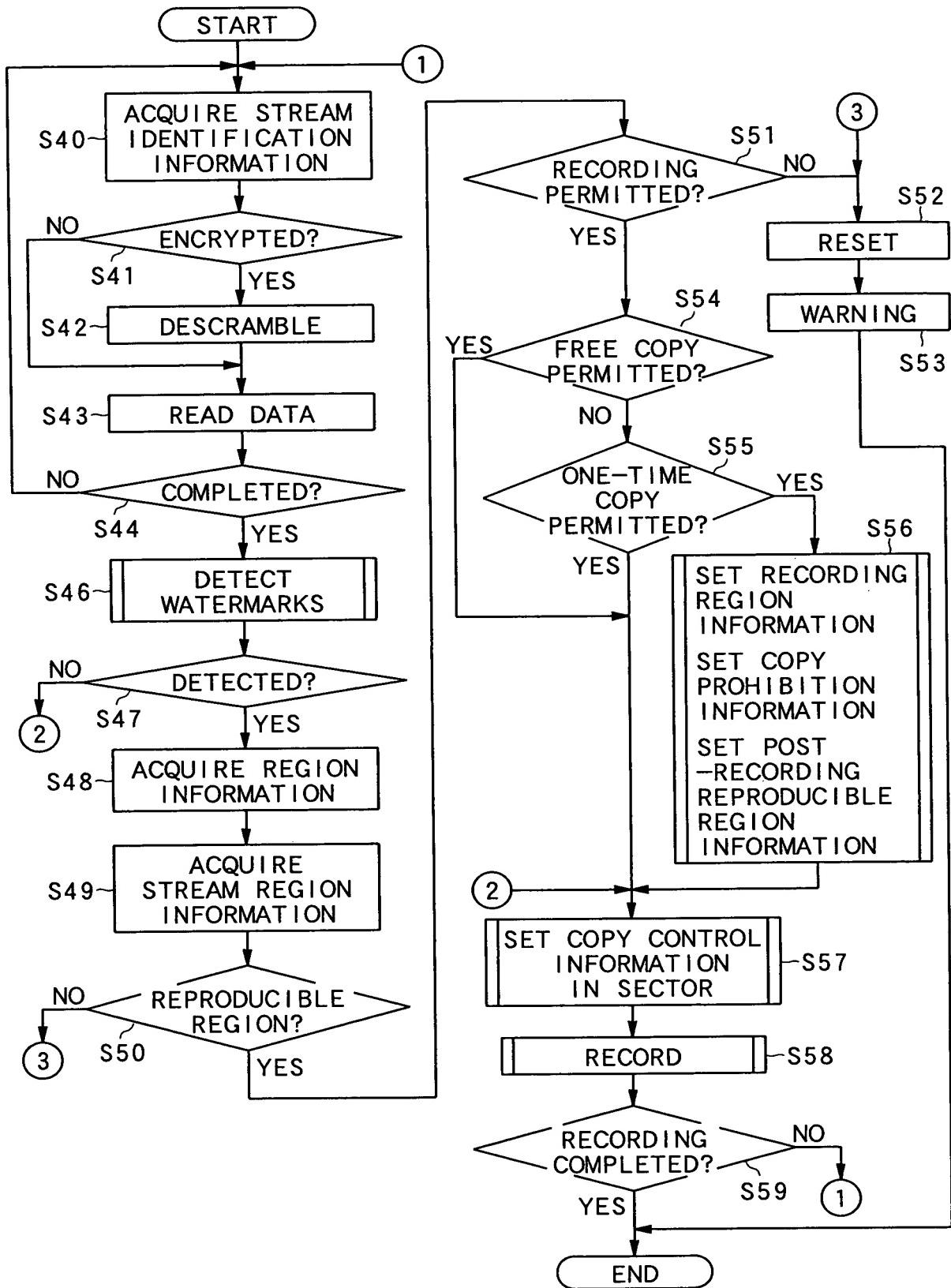


FIG.17A

NUMBER	CONTENTS	BYTES
1	<u>HD</u> :HEADER INFORMATION	1
2	<u>CCI1</u> :FIRST COPY CONTROL INFORMATION	1
3	<u>CCI2</u> :SECOND COPY CONTROL INFORMATION	1
4	<u>H1</u> :FIRST HASH VALUE	1
5	<u>ECC</u> :ERROR CORRECTION INFORMATION	4

TB1" a

FIG.17B

NUMBER	CONTENTS	BYTES
1	<u>HD</u> :HEADER INFORMATION	1
2	<u>H2</u> :SECOND HASH VALUE	1
3	<u>R</u> :AUXILIARY INFORMATION	1
4	<u>PA</u> :REPRODUCIBLE REGION INFORMATION	1
5	<u>RAA</u> :RECORDABLE REGION INFORMATION	1
6	<u>RA</u> :RECORDING REGION INFORMATION	1
7	<u>PT</u> :VIEWABLE PERIOD INFORMATION	16
8	<u>RT</u> :RECORDABLE PERIOD INFORMATION	16
9	<u>TT</u> :TIME-SHIFTING PERIOD INFORMATION	1
10	<u>ECC</u> :ERROR CORRECTION INFORMATION	17

TB1" b